



PATENT
Attorney Docket No.: 080586-000100US
Client Reference No.: 82611-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DAVID SCOTT WISHART et al.

Application No.: 10/615,416

Filed: July 7, 2003

For: AUTOMATIC IDENTIFICATION
OF COMPOUNDS IN A SAMPLE
MIXTURE BY MEANS OF NMR
SPECTROSCOPY

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the International Search Report for the corresponding PCT application, PCT/CA01/01544.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Kenneth R. Allen
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PTO/SB/06A (8-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Complete if Known

Application Number 10/615,416
Filing Date July 7, 2003
First Named Inventor David Scott Wishart
Art Unit Unassigned
Examiner Name Unassigned
Attorney Docket Number 080586-000100US

U.S. PATENT DOCUMENTS

Examiner	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	1	US-5,343,389	06-30-1994	Otvo	
	2	US-4,933,844	06-12-1990	Otvo	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1 ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner
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² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/615,416
Filing Date	July 7, 2003
First Named Inventor	David Scott Wishart
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	080586-000100US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	EL-DEREDY "Pattern Recognition Approaches in Biomedical and Clinical Magnetic Resonance Spectroscopy: A Review," NMR In Biomedicine 10: 99-124 n(1997).	
	4	KURHANEWICZ "Citrates Alterations in Primary and Metastatic Human Prostatic Adenocarcinomas: ¹ H Magnetic Resonance Spectroscopy and Biochemical Study," Magnetic Resonance in Medicine 29: 149-157 (1993).	
	5	LEVY et al "Data Processing" <i>Encyclopedia Of Nuclear Magnetic Resonance</i> , D.M.Grant et al. (eds.), John Wiley & Sons, vol. 3, pages 1548-1558 (1996).	
	6	SPRAUL et al.: "Automatic Reduction of NMR Spectroscopic Data for Statistical and Pattern Recognition Classification of Samples," <i>Journal Of Pharmaceutical And Biomedical Analysis</i> 12: 1215-1225 (1994).	

Examiner
SignatureDate
Considered¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.² Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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